

19971014.qrp v00_n878.qrs.971014

Date: Tue, 14 Oct 1997 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 878

QRP-L Digest 878

Topics covered in this issue include:

- 1) [28704] Need HW 9 crystal. Can't find anywhere. HELP !!
by "Fred Bennett" <fbennett@iquest.net>
- 2) [28705] N7VE SWR Indicator- SUPER!
by Mark S Adams <msadams@acsu.buffalo.edu>
- 3) [28706] Re: N7VE SWR Indicator- SUPER!
by Jim W7LS <w7ls@brigadoon.com>
- 4) [28707] Thanks for 830 QRP Info
by Bob Roach <KE4QOK@worldnet.att.net>
- 5) [28708] Re: Rig feedback IC-706 and Tentec Scout 555
by Jess Gypin <jessqrp@concentric.net>
- 6) [28709] Re: FREQUENCY FOR 10 METER QRP AM
by JCoote@aol.com
- 7) [28710] Re: Rig feedback IC-706 and Tentec Scout 555
by Jess Gypin <jessqrp@concentric.net>
- 8) [28711] Re: Rig feedback IC-706 and Tentec Scout 555
by Jess Gypin <jessqrp@concentric.net>
- 9) [28712] on the air and hooked!
by John Pendrey <flyfish@ptialaska.net>
- 10) [28713] Re: N7VE SWR Indicator- SUPER!
by "Bob Edwards, W4ED" <w4ed@flash.net>
- 11) [28714] Re: FOX: Tuesday night Fox - W7QQQ
by Jack Meadows <jackmead@getnet.com>
- 12) [28715] Re: How to identify in QRP contest?
by Joe Gervais <vole@primenet.com>
- 13) [28716] N/T Fox -- Monday
by "Dean T. Miller" <dtmiller@dsminet.com>
- 14) [28717] test
by Dan Dobson <ddobson@iei.net>
- 15) [28718] Re: FOX: Tuesday night Fox - W7QQQ
by Jack Meadows <jackmead@getnet.com>
- 16) [28719] Re: QRP on the BIG Rig???
by "Ken Hanks" <kennfd@ibm.net>
- 17) [28720] Cascade Escapades
by TonyDrumm@ibm.net (Tony Drumm)
- 18) [28721] N/T Fox -- Monday
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [28722] 40M QRP net tuesday evening 7:30PM CDT

- by Jim <kj5tf@mctc.com>
- 20) [28723] Re: N/T Fox -- Monday + new rig de AL7FS
by "Jim, Nancy, Juliann, and Issei" <larsennnc@alaska.net>
- 21) [28724] RE: N7VE SWR Indicator- SUPER!
by Jim W7LS <w7ls@brigadoon.com>
- 22) [28725] Re: N/T Fox -- Monday + new rig de AL7FS
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 23) [28726] AL7FS prepares to sell up to seven rigs.
by "Jim, Nancy, Juliann, and Issei" <larsennnc@alaska.net>
- 24) [28727] Re: N7VE SWR Indicator- SUPER!
by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
- 25) [28728] Re: N7VE SWR Indicator- SUPER!
by FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \((608\)) 267-3135)
- 26) [28729] Photon Microlight
by Peter_Simpson@3com.com
- 27) [28730] Re: QRP on the BIG Rig???
- by AE0Q V31RY <v31ry@ix.netcom.com>
- 28) [28731] First, First, and First in second place.
by rflight@VNET.IBM.COM
- 29) [28732] Re: N7VE SWR Indicator- SUPER!
by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
- 30) [28733] Must Sell My Heathkit HW-8
by Eric Via <ericvia@why.net>
- 31) [28734] Re: sw listening, a possible rig
by Philip Karras 827-2956 <PXXK4@CDRH.FDA.GOV>
- 32) [28735] N/T+ fox tonight
by Michael Maiorana <mikemo@ibm.net>
- 33) [28736] TenTec Scout 555
by Steven Weber <kd1jv@moose.ncia.net>
- 34) [28737] Re: Pixie Sidetone
by cjl@mail09.mitre.org (Charles J. Ludinsky)
- 35) [28738] OHR info
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 36) [28739] Troubleshooting for fun (long--sorry)
by PDouglas12@aol.com
- 37) [28740] A busy night...
by Chris Cartwright <ccart@dns.vidtel.com>
- 38) [28741] NorCal kit "Q"
by wager@juno.com (James W. Cates)
- 39) [28742] \$150 for a 20m QRP SSB rig? Tell me more!!!!
by SNickrand@aol.com
- 40) [28743] Re: Rig feedback IC-706 and Tentec Scout 555
by Ed Loranger <we6w@qsl.net>
- 41) [28744] Re: TenTec Scout 555
by Zack Lau <zlau@arrl.org>
- 42) [28745] Ten Tec Scout / GPS
by wa5whn@juno.com
- 43) [28746] Pixie II kit

by "Bob Kellogg" <ae4ic@nr.infi.net>
44) [28747] Re: N7VE SWR Indicator- SUPER!
by Bill Acito 14-Oct-1997 1338 <acito@asdg.ENET.dec.com>
45) [28748] Re: N7VE SWR Indicator- SUPER!
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
46) [28749] Vibroplex Brass Racer sale/swap
by Jim W7LS <w7ls@brigadoon.com>
47) [28750] OHR100 vrs OHR100A?
by Steve Galchutt <n0tu@webaccess.net>
48) [28751] Re: N7VE SWR Indicator- SUPER!
by Jim W7LS <w7ls@brigadoon.com>
49) [28752] Re: OHR100 vrs OHR100A?
by Ed Loranger <we6w@qsl.net>
50) [28753] expanded V-delta notes
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
51) [28754] Re: N7VE SWR Indicator- SUPER! (fwd)
by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
52) [28755] FOR SALE Argosy 525 REDUCED PRICE
by SNickrand@aol.com
53) [28756] Toroid cores - where to buy
by tahrens1@juno.com (Timothy H Ahrens)
54) [28757] Re: N/T Fox -- Monday
by "Dean T. Miller" <dtmiller@dsimnet.com>
55) [28758] Toroids - where to buy
by tahrens1@juno.com (Timothy H Ahrens)
56) [28759] Re[2]: N7VE SWR Indicator- SUPER!
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
57) [28760] Lost messages
by "Bob Kellogg" <ae4ic@nr.infi.net>
58) [28761] Re: FOR SALE Argosy 525 REDUCED PRICE
by "Taylor Greg" <gtaylor@taex003n.tamu.edu>
59) [28762] Ten-Tec Rigs other than Scout
by Andy Fox <foxes@theriver.com>
60) [28763] RF Parts Bonanza
by "Bob Duckworth" <wb4mnf@atl.org>
61) [28764] SA602/612 Pricing?
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
62) [28765] Re: Toroids - where to buy
by Bob Hightower <ki7mn@dancris.com>
63) [28766] Ten-Tec Scout and JOTA
by ku4it@juno.com (David E. Shelton)
64) [28767] Re: Toroids - where to buy
by Robert Bayha <rbayha@ix.netcom.com>
65) [28768] Re: Toroids - where to buy
by Kory Hamzeh <kory@avatar.com>
66) [28769] N/T Fox evades hunter
by Bill Howell <bhowell@mail.utexas.edu>
67) [28770] Re: Ten-Tec Rigs other than Scout

by kv7g@juno.com
68) [28771] Data Software?
by "Ray, Radi, O." <radioray@privatei.com>
69) [28772] Re: N/T Fox evades hunter
by aa8yo@tir.com (Bob Fox)
70) [28773] Re: N/T Fox evades hunter
by mikemo@ibm.net

Date: Mon, 13 Oct 1997 17:39:07 -0500
From: "Fred Bennett" <fbennett@iquest.net>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [28704] Need HW 9 crystal. Can't find anywhere. HELP !!
Message-ID: <199710132249.SAA70569@nss2.CC.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0000_01BCD7FE.E88003E0"

This is a multi-part message in MIME format.

-----_NextPart_000_0000_01BCD7FE.E88003E0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Gang

The 40M Band on my HW 9 has been dead since Feild Day 97.

I have searched several sources and have come up dry. ANY

help would be appreciated !! It is a 21.830 Mhz, Heath part
number 404-665.

Here's hoping for a miracle !! 73.....de.....Fred N9TA

fbennett@iquest.net

=20

-----_NextPart_000_0000_01BCD7FE.E88003E0
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Gang and Dan,

I just finished building the N7VE, uh Scorpion SWR Meter? from scratch and it works FB! I had a very small Bud Box with 2 BNC's just waiting for a board. I mounted everything on a 1" x 1/2" piece of perfboard. Since this is for my SW-40 I used 1/4 watt resistors. I also used a clear LED that lights red.

So the board is suspended in the box with the input and output wires connected to the center pins of the BNC. The LED sits about 1/4" below the lid where there is a 1/8" hole for viewing through. This way the LED is always "in the dark" and easy to see no matter the light.

Now for the kicker. I tune antenna #1 with the N7VE thingy, getting the LED to go out. I check with the OHR WM-2 and it shows about 3mW reverse power. Same with antennas #2 and #3. Same with another tuner and those antennas.

I am one happy camper. Now to build one INTO the SW40!

72, Mark N2VPK
Member of the Buffalo QRP Connection

Date: Mon, 13 Oct 1997 17:05:22 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@Lehigh.EDU
Subject: [28706] Re: N7VE SWR Indicator- SUPER!
Message-ID: <199710140005.RAA11114@k2.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Mon, 13 Oct 1997 17:04:44
>To: msadams@acsu.buffalo.edu
>From: Jim W7LS <w7ls@brigadoon.com>
>Subject: Re: N7VE SWR Indicator- SUPER!
>

>Hi, Mark! I built one in a New York second, a while back. You're right. It is really slick. I built mine right into the case on a SW-80. Man, does it ever reduce the clutter on your lap when portable. I have a DPDT switch to knock it in and out, as needed. In fact, I sometimes use it as an attenuator for 6 dB less than my usual 1 watt (1/4 watt with resistive bridge kicked in and swr matched). Also does 6 dB damage to the received signals, but almost always can copy even with the loss.

> Very fast to tune up with, too. It's all I use, anymore. I added a

forward current LED to see that I'm indeed putting out power, as well. There you have it: forward and reverse current. I chose resistors such that full brightness on the forward LED corresponds to an infinite mismatch. Therefore, a quick glance with my 'calibrated' eye shows my match condition.

> Works really well.

>

>73 de Jim, W7LS P.S. Thanks to Dan Tayloe for the neat design!

>

>At 07:56 PM 10/13/97 -0400, you wrote:

>>Hi Gang and Dan,

>>

>>I just finished building the N7VE, uh Scorpion SWR Meter? from scratch and
>>it works FB! I had a very small Bud Box with 2 BNC's just waiting for a
>>board. I mounted everything on a 1" x 1/2" piece of perfboard. Since this
>>is for my SW-40 I used 1/4 watt resistors. I also used a clear LED that
>>lights red.

>>

>>So the board is suspended in the box with the input and output wires
>>connected to the center pins of the BNC. The LED sits about 1/4" below the
>>lid where there is a 1/8" hole for viewing through. This way the LED is
>>always "in the dark" and easy to see no matter the light.

>>

>>Now for the kicker. I tune antenna #1 with the N7VE thingy, getting the
>>LED to go out. I check with the OHR WM-2 and it shows about 3mW reverse
>>power. Same with antennas #2 and #3. Same with another tuner and those
>>antennas.

>>

>>I am one happy camper. Now to build one INTO the SW40!

>>

>>72, Mark N2VPK

>>Member of the Buffalo QRP Connection

>>

>>

>>

>

Date: Tue, 14 Oct 1997 00:09:32 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [28707] Thanks for 830 QRP Info
Message-ID: <19971014000930.AAA22391@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all who sent me info on running the 830 QRP. Will be trying it soon.

(o o)

-----o00_()_00o-----
73 es TNX Advanced, W5YI/ARRL VE, QRP-L#1264, AR QRP#83
KE4QOK KE4QOK@worldnet.att.net
Bob ke4qok@juno.com

136 Hermitage Road
Newport News, VA 23606
(757)930-0348

When the student is ready.....
The teacher will appear.

Date: Mon, 13 Oct 1997 18:21:55 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: mjmanship@iquest.net
Cc: qrp-l@Lehigh.EDU
Subject: [28708] Re: Rig feedback IC-706 and Tentec Scout 555
Message-ID: <3442BB23.26E2@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

mjmanship@iquest.net wrote:

> I am glad to see that someone other than myself have noticed that Ten
> Tec Scouts drift on CW. I called Ten Tec to ask them if they have
> fixed this problem and they denied that there was a problem at all.
> It's really too bad because I would buy one if it weren't for that
> problem.
>
> 73 de Mike W90J

Hi there all

--
Jess N0TFI <><
<http://www.concentric.net/~jessqrp>
qrp-l #1232 CQC #92 1997 Fox

Date: Mon, 13 Oct 1997 20:22:48 -0400 (EDT)
From: JCoote@aol.com

To: K5xu@cris.com, qrp-1@Lehigh.EDU
Subject: [28709] Re: FREQUENCY FOR 10 METER QRP AM
Message-ID: <971013202048_-992252364@emout14.mail.aol.com>

In a message dated 97-10-12 18:45:53 EDT, K5xu@cris.com writes:

<< Subj: FREQUENCY FOR 10 METER QRP AM
Date: 97-10-12 18:45:53 EDT
From: K5xu@cris.com (Mike Duke)
Sender: owner-qrp-1@Lehigh.EDU
Reply-to: K5xu@cris.com
To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)

Is there a calling frequency for this mode?

I made two complete qsos yesterday with a converted cb rig which I bought from this list. Both were in northern Ca.

If there is no calling frequency for qrp am, let's think about one which will fall onto one of the channels of the standard cb conversions.

Just for discussion purposes, I'll suggest 28.965 (usually channel 1), or 29.065, (usually channel 9). The first is a bit outside the traditional "AM window," while the second is automatically available as a "priority" channel on many cb rigs.

Any other "Angel Music" fans out there?

72/73
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi
>>

Mike and Group;

A long time ago, when CB conversions first became popular there were articles and discussions of standardizing the channels. I don't know how far this went but it was a great idea. One proposal laid out 23 and 40 AM channels and another laid out 23 and 40 USB/LSB channels. It only makes sense to standardize 10 and 12 meter CB conversion channels so people with the conversions can talk to each other, calling channels and so on. My 5 rupees worth.

73, Jay
W6CJ

Date: Mon, 13 Oct 1997 18:29:48 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: mjmanship@iquest.net
Cc: qrp-1@Lehigh.EDU
Subject: [28710] Re: Rig feedback IC-706 and Tentec Scout 555
Message-ID: <3442BCFC.5CFD@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

mjmanship@iquest.net wrote:

> I am glad to see that someone other than myself have noticed that Ten
> Tec Scouts drift on CW. I called Ten Tec to ask them if they have
> fixed this problem and they denied that there was a problem at all.
> It's really too bad because I would buy one if it weren't for that
> problem.
>
> 73 de Mike W9OJ

Hi there all

I talked with Gordon at Tentec today. I called to inquire about Scout pricing and availability and asked about the drift problem. I am not sure that I would call it a drift, it is really more of a "jump" in frequency. A drift is a slow fade up or down in frequency. The Scout will actually hop around a few KC when you are working someone with them. Some do it, some don't. Gordon acknowledged that they have that problem. He claims that the micro that controls the frequency does not get enough time to reset back to the proper freq on fast or long transmissions. When I asked him how fast fast was, he would not say for sure. He said that if when you are operating one you would allow a second or two pause "every so often" that the micro would spot the frequency and not "hop". I am not sure what to think about this. When I put the question to him, I did not say "Does the Scout have a frequency stability problem?", I just asked "have you fixed the PLL lock unlock problem on the Scout?" He said that they acknowledge the problem, but they have not plans to correct it either in units that have been sold or new units to be sold.

By the way, he said that the Scout is on a 5 week back order. I wonder if the prospective buyers know about the CW "hopping"? ;-)

To be fair, I have gotten reports from other Scout owners here on the list that have nothing but praise for the rig and have never had the above mentioned problem.....

Best

--

Jess NOTFI <><
<http://www.concentric.net/~jessqrp>
qrp-1 #1232 CQC #92 1997 Fox

Date: Mon, 13 Oct 1997 18:37:22 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: burro@panama.gulf.net
Cc: qrp-1@Lehigh.EDU
Subject: [28711] Re: Rig feedback IC-706 and Tentec Scout 555
Message-ID: <3442BEC2.66E2@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Admin Kit User wrote:

>

> Jess: I have a feeling the rig is for you!!!!

> Barry WB6LDL

Yea, I know that this sounds like the old I have a friend routine, but it really is true! And if I just happen to agree with his choice, so what?;-) Besides, my wife glances at my email.....

Best

--

Jess NOTFI <><
<http://www.concentric.net/~jessqrp>
qrp-1 #1232 CQC #92 1997 Fox

Date: Mon, 13 Oct 1997 16:38:17 -0800
From: John Pendrey <flyfish@ptialaska.net>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [28712] on the air and hooked!
Message-ID: <01BCD7F6.81784200@dialups-55.kodiak.ptialaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

When I was planning on a my first HF, I started scanning the i-net. =
After about 3 months I found the qrp clubs. After much reading and =
checking around I subscribed to a few and monitor a few. Finally on =
Friday 10/10/97 my first HF finally arrived. I'm on a budget so MFJ to =
my rescue, (lack of Elmers in my woods ;() Problem 1. It's getting =
dark, I need to string the antenna and I'm Mr. mom tonight. Mr. mom =
wins out, (I hate being responcible) Saturday at daybreak I set up my =
9040 with the dipole up about 20' beside the house. Managed a partial =
responce from ?4ku? before being ground under by QRM. Bought a compass, =
antenna is radiating E/W, not good up here in KL7/KL0 land. Sunday =
moved antenna to back of house between some trees and shed. Antenna is =
only up about 10' but....

Started getting the idea that I could make my first QSO the Fox. I =
Listened, dialed, listened, etc, etc, etc....no Fox, no pileup, no =
nothin' Then at 8:00pm local, (0400Z) on 7.123, I heard KH7CR, 579, =
fairly new to this stuff, I don't know where he is from but I decided to =
try. On try number 3, (I am persistant :>>>) He comes back. Like =
myself, another T+ trying to work on code for upgrading but he is in a =
valley with a gutter mounted stealth dipole in Honolulu! I am at 4W and =
manged Honolulu from Kodiak Island, AK for my first HF and first qrp =
QSO! Not the FOX but, I'll take it! Today, re-aimed the antenna more =
SE/NW and raised it over the edge of the hill side, I'm now about 40' up =
and ready to go huntin!=20

Thanks for this forum, I've learned so much "useful" info since =
subscribing, I think I'll just have to stay qrp for awhile, it's such a =
great nieghborhood!=20

5-7 wpm and gaining!
72/73=20
john, KL0DB
QRP-L #1225, AK QRP #271
flyfish@ptialaska.net

Date: Mon, 13 Oct 1997 21:05:56 -0400
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: msadams@acsu.buffalo.edu
Cc: qrp-l@Lehigh.EDU
Subject: [28713] Re: N7VE SWR Indicator- SUPER!
Message-ID: <3442C574.538D@flash.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark S Adams wrote:

>...I just finished building the N7VE, uh Scorpion SWR Meter?

Finished mine this weekend too. As usual, spent an order magnitude more time on metal working (tin bashing) than on soldering.

> ...the LED is always "in the dark" and easy to see.....

Very clever, wish I had done that.

I used the large RS Jumbo Super-Bright LED 276-086 for reflected power and a large green LED for total power. I also like to know that RF is indeed being generated.

Circuitry was same but with extra stuff for the green LED and a 510 ohm series resistor for the red LED. May add a switch and another series resistor for less sensitive setting, if there's room for them.

Mine was different in that I used two SO-239 connectors mounted next to each other on a 2.5" aluminum angle (1"). I mounted the tune/xmit switch and the two LEDs on a second matching piece of aluminum angle. Bolted the two angles together after doing the point to point wiring. The two angles form an open ended square tube, thereby protecting those little internal parts.

Results,,, the red LED indicating reflected power begins to light at 1.2:1. It's about half full brightness at 1.5:1 using 1 watt RF at 7 MHz. I did a quick check of 1:1 null and full brightness at 1.8 MHz and 30 MHz -- OK. It's a keeper.

Thanks N7VE/KK7BD

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

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Date: Mon, 13 Oct 1997 18:01:01 -0700 (MST)  
From: Jack Meadows <jackmead@getnet.com>  
To: Monte Stark <ku7y@sage.dri.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28714] Re: FOX: Tuesday night Fox - W7QQQ  
Message-ID: <Pine.BSI.3.96.971013175747.6632B-100000@gn2.getnet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will be there AS SCHEDULED. Sorry for any confusion.  
Best reagrds,  
Jack W7QQQ

On Mon, 13 Oct 1997,  
Monte Stark wrote:

> Hi Jack,  
>  
> Is that tuesday utc or regular?  
>  
> I'm guessing Monday night local, Tuesday 0200z....  
>  
> cu in the pile up....  
>  
> 73, Ron, SOWP 5545M,  
>  
> .....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
> ....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
> ....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....  
>

-----  
Date: Mon, 13 Oct 1997 18:23:02 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [28715] Re: How to identify in QRP contest?  
Message-ID: <199710140123.SAA16546@usr01.primenet.com>

Howdy,

Tim (W5FN) wrote:

>

> Duck Man?

"Duck Man" is perhaps the coolest cartoon there is. It's on USA Network (weekend nights), and is definitely adult humor. If you're a bit cynical, keep up with current events, bits of history, and snippets of pop culture, plus have a penchant for biting sarcasm, you have to give it a try!

Just might find yourself laughing so hard that various internal organs, most thought to be critical to your well-being, will be at risk of losing their structural integrity.

Porkchop is my hero. Hands (paws?) down. :-)

The QRP tie-in? Well... uh... er... It makes \*great\* viewing while you're winding toroids on those quiet nights when the bands are shut down... Yeah. That's it. ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It happens sometimes. People just explode. Natural causes." -Repo Man

-----

Date: Mon, 13 Oct 1997 20:33:49 (-0500)  
From: "Dean T. Miller" <dtmiller@dsmnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [28716] N/T Fox -- Monday  
Message-ID: <199710140133.UAA05081@dsm7.dsmnet.com>

Hi all,

I hear the fox at 7120.7 at 0130, (Monday night) and no one's answering him. He apparently can't hear me, either.

-- Dean -- from Des Moines (KB0ZDF)

-----

Date: Mon, 13 Oct 1997 21:40:03 -0400  
From: Dan Dobson <ddobson@iei.net>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [28717] test  
Message-ID: <01BCD820.95C378E0@dip27.nas2.iei.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

test

-----  
Date: Mon, 13 Oct 1997 19:52:21 -0700 (MST)  
From: Jack Meadows <jackmead@getnet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28718] Re: FOX: Tuesday night Fox - W7QQQ  
Message-ID: <Pine.BSI.3.96.971013195046.18464A-1000000@gn2.getnet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will be there AS SCHEDULED. Sorry for any confusion.  
Best reagrds,  
Jack W7QQQ

On Mon, 13 Oct 1997,  
Monte Stark wrote:

> Hi Jack,  
>  
> Is that tuesday utc or regular?  
>  
>  
> cu in the pile up....  
>  
> 73, Ron, SOWP 5545M,  
>  
> .....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
> ....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
> ....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....



>

-----  
Date: Mon, 13 Oct 1997 22:51:53 -0400  
From: "Ken Hanks" <kennfd@ibm.net>  
To: "QRP-1@lehigh.edu" <qrp-1@Lehigh.EDU>  
Subject: [28719] Re: QRP on the BIG Rig???  
Message-ID: <01bcd84c\$2113ef80\$470f48a6@kh>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Glenn:

Great idea for using the ALC to reduce power. I hooked up the circuit you described and was able to adjust the output on my FT-840 way down to the milliwatt level.

Good thing I just built the OHR WM-2 watt meter last month!

I'm going to have some fun with this, especially as the bands start opening up.

73,

Ken K1XS@ibm.net

-----  
Date: Mon, 13 Oct 1997 22:10:37 -0500  
From: TonyDrumm@ibm.net (Tony Drumm)  
To: qrp-1@Lehigh.EDU  
Subject: [28720] Cascade Escapades  
Message-ID: <199710140307.DAA131514@out1.ibm.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

So, there I was. My Cascade was acting up - or, more correctly, not acting up. Something had gone awry in the transmitter and I was getting almost no

deflection of the needle of my WM-1 on the 100mW scale. I don't know what I could have done to cause such a problem.

I recently installed the filter capacitor mod (I have one of the last Cascade kits), but the receiver was working flawlessly. I finally found some time to work on it and do some tracing through the circuit with a scope.

Wouldn't you know? I decided to trace the receive signal, too. During the process, I bumped something with the scope probe, heard a click as the AGC kicked in, then silence, then just a hiss. No signals, just a hiss. Arg!

Well, I could still trace the transmitter and work on the original problem. I had built a little oscillator using a 555 timer chip which I have now installed with a push button switch so that it injects the oscillator signal into the mic input and keys the transmitter. Works much nicer for tuning (and for tracing the transmitter path) than trying to whistle. As I traced the path, the signal tended to be a bit lower than the manual suggests, but otherwise was looking OK up through both mixers.

Question: The manual says the BFO and VFO signals at the mixers should both be about 175mV. I found the BFO signal was only about half this although the BFO output signal (before the resistor/capacitor network feeding the 602s) was about right and nearly identical to the VFO signal. Does this sound right or should I be concerned?

When I got to the power amplifier, I started probing around Q6 and suddenly there was a good output signal! I wish I knew what I did, but I will probably hit those connections in that area of the board again with the solder iron. First problem solved!

I was probing around the NE5532 op amp when the receiver quit working. So, I traced around there and it looked like my guess was correct - the 5532 was not working. Good signal in, nothing out. I started trying to track down a source for these - none in the Digikey catalog and I couldn't find it in Mouser. Looks like Dan's has them and Allied does, too, if you can manage to find enough other things to buy for the \$50 minimum.

Then it dawned on me that this is a DUAL op amp, and the Cascade was using only one section. When I got home from work, I ran downstairs and attacked the chip. Didn't have too much luck desoldering the three pins in use, but I was able to cut them loose eventually. Added three small yellow wires to connect up to the other op amp, added power, and voila! Signals! Sounded great! Flip to the dummy load and pressed the tune button and verified the transmitter is also still working. Whew!

Are we having fun yet, or what?

72.

Tony Drumm

ARS AA0SM - Rochester, MN

-----  
Date: Mon, 13 Oct 1997 22:49:30 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:dtmiller@dsmnet.com" <dtmiller@dsmnet.com>, "W.D. (Doc) Lindsey/  
K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [28721] N/T Fox -- Monday  
Message-ID: <199710132252\_MC2-23C8-6E53@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Dean:

Well, you have accomplished more than I have tonight. Have been tuning  
and looking for a full 1.5 hours, and have heard nary a peep out of  
him. Oh well. Guess the propagation is not favorable. Thanks for  
posting this note, because otherwise I thought I had the wrong night  
altogether!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/38  
DXCC 53/42 <>< FOX Total 10/13/97 4 of 4 + two N/T+ FOX.

-----  
OMNI V Sierra Argo 515 Norcal 40a SW-40 49er 38S Mercury Paddles  
Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom SLV/W6MMA G5RV  
Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 13 Oct 1997 22:19:27 -0500  
From: Jim <kj5tf@mctc.com>  
To: qrp-l@Lehigh.EDU  
Subject: [28722] 40M QRP net tuesday evening 7:30PM CDT  
Message-ID: <3442E4BE.4AB8@mctc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just a short reminder of the Arkansas QRP net tuesday evening 7:30PM  
CDT on 7.042-343mHz - 00:30 UTC wednesday  
Last tuesday we were joined by Larry KA5T/0 who was QRP/Portable in  
North Dakota.  
I will be QRP/portable in a cemetery near Fayetteville, Ar.  
So after you chase the Fox, pse drop in and give a report, thanks  
de Jim AR QRP #2

-----  
Date: Mon, 13 Oct 1997 19:38:11 -0800  
From: "Jim, Nancy, Juliann, and Issei" <larsennnc@alaska.net>  
To: qrp-1@Lehigh.EDU  
Subject: [28723] Re: N/T Fox -- Monday + new rig de AL7FS  
Message-ID: <3442E923.22B0@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Wilford D. Lindsey wrote:  
>Guess the propagation is not favorable.

I had only two signals on 40 tonight. Both in the novice band. Nothing  
below 7.050. Later one signal at 7.043. Is that bad or what? I will  
look for aurora tonight.

I order an OHR-100a today and the SCAF. Wish me luck.

73, Jim, AL7FS

--

Jim Larsen  
Anchorage, Alaska  
Acupressure Anchorage  
AL7FS ex-WA0LPK / KL7  
2 meter WAS #36  
Vision VR40 Recumbent Bike  
<http://www.servcom.com/worcester/chat.htm> QRP Chat

-----  
Date: Mon, 13 Oct 1997 21:37:57 -0700 (PDT)  
From: Jim W7LS <w7ls@brigadoon.com>  
To: "Larsen, Jim" <JLarsen@alascom.att.com>  
Cc: qrp-1@Lehigh.EDU

Subject: [28724] RE: N7VE SWR Indicator- SUPER!  
Message-ID: <199710140437.VAA01333@k2.brigadoon.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dunno if it is on the web, but here is the trick:

You make a plain old resistive bridge with 50 ohm resistors. The bottom right leg, if you will, is the unknown, which should be 50 ohms resistive. If so, the bridge is balanced, and any indicator you might want to use will show a null when placed between the left set of resistors and the right set of resistors. Here is the problem with qrp. There is not enough juice, er, voltage to fire off a LED. Dan Tayloe fixed that problem for mankind by introducing a torroid with a 5:1 or so turns ratio to jump up the voltage, so it would light up a LED, even at the one watt level. Just tie the primary (5 turns or so) across the bridge and use the 30 turn secondary with an appropriate current limiting resistor (about a k-ohm, by trial and error) and a LED. That's the entire circuit.

Don't know Dans e-mail, but you can holler for him here.

73 de Jim, W7LS

At 04:14 PM 10/13/97 -0800, you wrote:

>Yes, but where can I get info on the indicator? Is there a URL I can go  
>to?

>

>tnx,

>Jim

>AL7FS

>larsennc@alaska.net

>

>> -----Original Message-----

>> From: Jim W7LS [SMTP:w7ls@brigadoon.com]

>> Sent: Monday, October 13, 1997 4:05 PM

>> Subject: Re: N7VE SWR Indicator- SUPER!

>>

>> >Date: Mon, 13 Oct 1997 17:04:44

>> >To: msadams@acsu.buffalo.edu

>> >From: Jim W7LS <w7ls@brigadoon.com>

>> >Subject: Re: N7VE SWR Indicator- SUPER!

>> >

>> >Hi, Mark! I built one in a New York second, a while back. You're  
>> right. It

>> is really slick. I built mine right into the case on a SW-80. Man,  
>> does it

>>

>

-----  
Date: Tue, 14 Oct 1997 01:22:22 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:larsennc@alaska.net" <larsennc@alaska.net>, "W.D. (Doc) Lindsey/  
K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [28725] Re: N/T Fox -- Monday + new rig de AL7FS  
Message-ID: <199710140124\_MC2-23C8-7CB6@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Jim:

Well, 40 was obviously in bad shape tonight. I could hear the Russian beacon on 7039 about S-8, so who knows. I listened for the N-T+ FOX for 1.5 hours...took a 15-minute break then went back to the hunt (errrr...the \*search\*). Never did hear him at all. One guy said he could hear the FOX...but faintly and in any case did not get through.

Let's hope for better condx tomorrow night for W7QQQ!

You will absolutely \*love\* the rig and the SCAF. Dick at OHR is outstanding in every way. His gear is among the very best. I never have operated one of the OHR100 rigs, but I have a SCAF and it is fantastic. So here you go again. Can hardly wait to hear your new rig. Good luck.

Good luck tomorrow evening in the hunt! And if you hear me, please give me a shout!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19  
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/38  
DXCC 53/42 <>< FOX Total 10/13/97 4 of 4 & 2 of 3 N/T+ FOX.

-----  
OMNI V Sierra Argo 515 Norcal 40a SW-40 49er 38S Mercury Paddles  
Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom SLV/W6MMA G5RV  
OHR SCAF Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

-----  
Date: Mon, 13 Oct 1997 21:22:08 -0800

From: "Jim, Nancy, Juliann, and Issei" <larsennnc@alaska.net>  
To: QRP-L@Lehigh.EDU  
Subject: [28726] AL7FS prepares to sell up to seven rigs.  
Message-ID: <34430180.64B7@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I am preparing to sell the following rigs:

Kenwood TS440SAT  
Yaesu FT301S  
TenTec 525 Argosy  
TenTec Century 22  
TenTec 505 Argonaut  
TenTec Triton IV  
TenTec Triton I

Not all are working. Some are in perfect operating condition. As I determine each rig's condition, I will be posting a For Sale (FS) listing to QRP-L. The TT525 will be first as soon as I can figure out what they are worth. The Kenwood TS440SAT will go second.

This note is just to let you set your hearts and minds on buying another rig for your shack. :-)

Don't worry, I will still have five operational all band rigs with monobanders coming on line as time goes on (49er, 38S, SST20, OHR100a, twofer, maybe a NC40A and an unknown 20 mtr rig that needs to be fixed).

73, Jim, AL7FS

--

Jim Larsen  
Anchorage, Alaska  
Acupressure Anchorage  
AL7FS ex-WA0LPK / KL7  
2 meter WAS #36  
Vision VR40 Recumbent Bike  
<http://www.servcom.com/worcester/chat.htm> QRP Chat

-----  
Date: Mon, 13 Oct 1997 22:47:36 -0700 (PDT)  
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>  
To: qrp-l <qrp-l@Lehigh.EDU>

Cc: CLOFGREN@BENSON.MCKENNA.EDU  
Subject: [28727] Re: N7VE SWR Indicator- SUPER!  
Message-ID: <Pine.PMDF.3.95.971013221916.65136A-100000@BENSON.MCKENNA.EDU>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

There have been several postings on N7VE's LED SWR indicator. I've tried one (actually two) and find excellent accuracy from 80 up through 20 meters (pretty close to 1:1 in virtually all cases).

On 15 and 10, however, I find it rather hit or miss. A null there may indicate a good to fair swr (close to 1:1, up to 1.5:1), or the swr may run higher.

I've done the checking by using the N7VE indicator to adjust a tuner, and then checking the tuner's match with a MFJ-259 that I've carefully checked against known loads. And for the load on the tuner, I've used a dummy load, to avoid common-mode currents in the antenna system throwing off the measurement.

I've played with the toroid winding configuration and the core (43 vs. 61 material), and have checked the resistors in the bridge for reactances across the spectrum (using an Autek RF-1). I can't pin down the problem.

I gather the rest of you have had better results across the upper end of the HF spectrum. How systematic and extensive have your tests been? I'm trying to get some leads. I've often used resistive bridges with a "standard" null indicator (in effect, a milliammeter or microammeter in a voltmeter configuration, using a diode rectifier), and don't recall having the same problem.

Charlie, w6jjz  
clofgren@mckenna.edu

-----  
Date: Tue, 14 Oct 1997 05:51 CDT  
From: FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \608\ 267-3135)  
To: qrp-l@Lehigh.EDU  
Subject: [28728] Re: N7VE SWR Indicator- SUPER!  
Message-ID: <009BBBED9CC4F10A.BE71@dnr.state.wi.us>

Hi Charle (et. al)



I experienced the same problem w/ mine (i.e. less effective and lower LED intensity on 10 and 15m). My guess is that at the higher frequencies, the ferrite torroid (transformer) is acting as an RF choke. One thing that helped was to reduce the number of primary/secondary turns to reduce the inductance.

I've built two and they use two or three separate secondary windings on the FT50-43 to provide a wider range of indication. One of them will handle QRO (50 to 100 W) for brief intervals since it is constructed using 30W Caddock 50.0 ohm power resistors. My QRO version has 0.5, 1.0 and 3.0 turns ratios for the transformer.

73 de N9WR, Don C. Faith

-----  
Date: Tue, 14 Oct 1997 07:46:04 -0400  
From: Peter\_Simpson@3com.com  
To: qrp-1@Lehigh.EDU  
Subject: [28729] Photon Microlight  
Message-ID: <85256530.004094E0.00@hqoutbound.ops.3com.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii

They have a web page:

<<http://www.photonlight.com>>

72,  
Peter, KA1AXY

-----  
Date: Tue, 14 Oct 1997 05:56:36 -0600  
From: AE0Q V31RY <v31ry@ix.netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [28730] Re: QRP on the BIG Rig???  
Message-ID: <2.2.16.19971014115636.215f89b6@popd.ix.netcom.com>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 22:51 13-10-97 -0400, K1XS wrote:

>Glenn:

>

>Great idea for using the ALC to reduce power. I hooked up the circuit you  
>described and was able to adjust the output on my FT-840 way down to the  
>milliwatt level.

>

>Good thing I just built the OHR WM-2 watt meter last month!

Glad it worked, Ken! But I can't take credit for thinking it up.. I got  
it from Larry NF0Z a couple of years ago, and I'm not sure where he got it  
from.. I'll have to draw the schematic in ASCII some day..

Have fun! -- Glenn

-----

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--  
<http://www.qsl.net/ae0q>

-----

Date: Tue, 14 Oct 97 08:33:59 EDT  
From: rflight@VNET.IBM.COM  
To: qrp-l@Lehigh.EDU  
Subject: [28731] First, First, and First in second place.  
Message-ID: <199710141317.JAA21741@nss2.CC.Lehigh.EDU>

- First Beta version of Surface mount Pixie-2 assembled and on the air.
- First Surface mounted Pixie-2 QSO breaks 1000 miles/watt barrier  
(388 miles at 150 mw for 2587 miles/watt)  
N3GO/Raleigh, NC to K3RJX/Hazleton, Pa
- Second Pixie-2 derivative of the next first annual QRP building season.

\*\*\*\*\*

Epilogue, QRP date 10141997 Eastern QRP Savings time 0013

\*\*\*\*\*

Assembly was uneventful but tedious. Not for the faint of heart...  
It's easy to let the smoke out of those tiny hiding places:-)

Layout was error free except for omission of pad for keying line.

Most package sizes were accommodated the 3 caps around the audio amp  
as well as the 3 inductors were larger than planned.

Second harmonic suppressed only 10 dB. Additional capacitor reduced this  
to -34 dBc.

RX/TX offset approximately 450 Hz. This appears to be a maximum and dims  
hope for incorporating an RIT without "another" mod.

Lots of signals heard, most were not near frequency and nearly all were  
in the wrong sideband. Persistence prevailed and contact was  
established within half an hour of power up.

Netherlands foreign broadcast station very readable during QSB peaks.  
An additional inductor may suppress this significantly.

Truly astounding performance for a minimal transceiver design. If I can  
hit a cost target below 5 bucks, this will net a system design  
cost of 25 percent of my 1964 vintage station that I operated for  
weeks before making a contact. (A 75 watt Tx but only an S-38 RX.  
(Not related to the 38 special).

QRP performance... It's all in the wire...

72/73

Gary, N3GO                      Raleigh, NC

-----  
Date: Tue, 14 Oct 1997 06:37:44 -0700 (PDT)  
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>  
To: "Don C. Faith III, AM/7, (608) 267-3135" <FAITHD@dnr.state.wi.us>  
Cc: CLOFGREN@BENSON.MCKENNA.EDU, Low Power Amateur Radio Discussion <qrp-  
l@Lehigh.EDU>  
Subject: [28732] Re: N7VE SWR Indicator- SUPER!  
Message-ID: <Pine.PMDF.3.95.971014063223.70313B-100000@BENSON.MCKENNA.EDU>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

On Tue, 14 Oct 1997, Don C. Faith III, AM/7, (608) 267-3135 wrote:

>  
> I experienced the same problem w/ mine (i.e. less effective  
> and lower LED intensity on 10 and 15m). My guess is that at  
> the higher frequencies, the ferrite torroid (transformer) is  
> acting as an RF choke. One thing that helped was to reduce  
> the number of primary/secondary turns to reduce the inductance.  
>

Don et al.,

That's in line with what I found, but with different windings, I still  
couldn't obtain results on the upper HF bands as good as those on 80  
through 20. So I'm wondering if something else is going on.

Charlie, w6jjz

-----  
Date: Tue, 14 Oct 97 08:48:54 -0000  
From: Eric Via <ericvia@why.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [28733] Must Sell My Heathkit HW-8  
Message-ID: <199710141348.IAB07058@ns.why.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Kind QRP'ers,

It is with regret that I put my fun Heathkit HW-8 up for sale.

I had a lot of fun with it, worked 9 states.....sigh...but I must  
part with it for now.

I am asking \$110.00 for it - and it's worth it. This  
includes shipping it carefully to your address.

Its history is that I bought it from a member of this  
list - he sent it to me in fine shape and with a photo-  
copied manual.

I used it for some time - it being my first QRP rig, and  
I enjoyed it - but due to other circumstances I must part

with it.

It's in fine shape- As I say I worked 9 states with ease  
using a 40m dipole up in my attic.

Please email me if interested, and do not reply to this  
message on the list.

72's !       Eric    AD4SS  
ericvia@why.net

My Page: <http://www.why.net/users/ericvia/pershome.html>  
My Mercedes Benz page: <http://www.why.net/users/ericvia/ericmb.html>  
-----oOo-----

How many of you believe in telekinesis? Raise my hands....

-----  
Date: Tue, 14 Oct 1997 10:43:18 -0400 (EDT)  
From: Philip Karras 827-2956 <PXX4@CDRH.FDA.GOV>  
To: qrp-1@Lehigh.EDU  
Subject: [28734] Re: sw listening, a possible rig  
Message-ID: <C87ZXBKFBIL7\*/R=FDADR/R=A1/U=PXX4/@MHS>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

I bought a Radio Shack 394 just a few weeks ago. (A friend of mine  
got one for \$25 at a yard sale just after I paid \$240, ouch!) Anyway  
I am very pleased with it. Check out the review in QST October 1997 I  
believe. Five timers, two clocks, 100 memories (tho' they are divided  
between bands and meter ranges, 10 each.)

I listened to the FISTS contest going on on Saturday, the PA SQL  
party, and the ball games. I use about 15' or wire as an antenna in  
the basement & it works well.

73 & 72 de KE3FL  
Phil K

-----  
Date: Tue, 14 Oct 1997 10:56:38 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: qrp-1@Lehigh.EDU  
Subject: [28735] N/T+ fox tonight  
Message-ID: <34438826.B8E@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, I guess it's my turn. Please give me a try tonight, 10:00 pm to 12:00am EDT.

10/15/97 0200 - 0400 utc  
around 7.115 +/- QRM or 7.125 if the other is bad.  
KF4TRD, Florida  
Code Speed about 7wpm  
East - West Dipole @ 20 feet, Kenwood TS-830s @ 5 watts

I should have no problem east and central US. I doubt I'll hit the west coast (haven't yet).

Name, state, RST seems to be the approved exchange.

This is my first go as the fox. Please be gentle ;-)

73's  
Mike Maiorana  
KF4TRD

--  
If it's tourist season, why can't we shoot them?

-----  
Date: Tue, 14 Oct 1997 10:40:58  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@Lehigh.EDU  
Subject: [28736] TenTec Scout 555  
Message-ID: <3.0.1.16.19971014104058.2c0700de@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I bought a Scout shortly after they first came out. I wanted a small rig with SSB for a reasonable price. (At the time, all I had for a rig was a Drake 2B and HB 40M CW xmitter)

As a SSB rig, it does pretty well. For CW, not so good. I have the drift/jump problem. This is compounded by the mechanics of the VFO, if I squeeze the cabinet or push a little on the knob, there is a fairly large jump in frequency.

The frequency jump/drift seems to get worse with age. I think this is due to the VFO PTO coil wound on a paper tube that slowly absorbs moisture and the very simple mechanics of the tuning mech ( a 4-40 threaded rod and 4-40 nut)

The frequency jump is due to the drift compensation running out of tuning range and it automatically recentering it's self. I think it might have been better if they just let it run out of range and not reset. The problem is worse if you use the built in keyer, as it has less time to correct for drift and when it does, it makes bigger jumps. If someone has been following your drift, all of a sudden they have to really retune you in.

All in all, the uP drift compensation was a good idea, but they used that to justify making the PTO cheaply. IMOHO, that was a poor engineering decision..

On SSB, this drift/jump is not so bad. You can live with it. On CW, it's a pain in the butt for both ends of the QSO.

The other thing I don't like about the rig is the large amount of background hiss.

Unless you need the small size of the Scout, you might be better off getting a good used rig for the same amount of money (or less).

That's my experience. Your mileage may vary.

73,  
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Tue, 14 Oct 97 11:40:20 -0400  
From: cjl@mail09.mitre.org (Charles J. Ludinsky)  
To: fmathews@norfolk.infi.net (fmathews@norfolk.infi.net), kfglynn@prodigy.net

(kfglynn@prodigy.net), qrp-1@Lehigh.EDU (qrp-1@Lehigh.EDU)  
Subject: [28737] Re: Pixie Sidetone  
Message-ID: <971014114020.17969@mail09.mitre.org.0>

Frank Matthews said:

> Chuck, This sounds like the ticket since my next concern was an offset.  
> Can you tell me a little more about how the freq. offset works? Also, does  
> Embedded Research take phone orders or are they strictly mail order?  
> Thanks for the input, Frank

Kevin Glynn said:

> Hi Frank, Chuck and gang,  
> Please let me know how you managed this as well. I'm getting at least 10+  
> local club members involved in building the Pixie II in a couple of weeks.  
> I appreciate the help.  
> 72 Kevin N2T0

Both comments refer to adding a TiCK keyer to the Pixie 2, which provides for minimal effort:

- 1) An electronic keyer.
- 2) Sidetone
- 3) Keyed offset frequency.

In the "just do it if it works" tradition of the Pixie (as illustrated by the way the power to the audio amplifier is keyed on and off), sidetone is provided by connecting the audio line (Pin 3) of the TiCK keyer to the headphone jack, using the resistive divider and capacitor recommended for the keyer circuit. This generally works fine, with a nice sidetone on transmit. However, when the keyer is in control mode, the keyer audio "fights" against the low impedance of the audio power amp and the audio is highly distorted (but still sufficiently intelligible for control).

For offset, a small capacitor is placed in series with the crystal to "pull" the frequency during receive. This is shorted out with a simple transistor switch during transmit. The transistor switch is a duplicate of the TiCK's keying transistor circuit (one transistor, such as a 2N2222a, and one resistor), with the collector/emitter junction connected across the small "pulling" capacitor (20 to 50 pF). Again, this consists of (1) opening the connection of the crystal to ground and inserting the capacitor, (2) placing the collector/emitter connections across the capacitor (emitter to ground, collector to crystal/capacitor junction), and (3) running the base resistor (same value as used to drive the keying transistor) to pin 5 (keyline) of the TiCK. Keep the capacitor and transistor as close as possible to the crystal,



and keep the associated leads as short as possible. This works very well, with no noticable chirp or other problem, despite the fact that the circuit has no DC potential across the collector/emitter junction. One could use a trimmer capacitor (e.g., 5-50 pF), which would allow one to set the offset frequency precisely.

I also put an SPDT switch across the offset capacitor. This gives me a kind of simple RIT feature that allows me to listen to the "zero beat" as well as the offset frequencies. By switching to zero beat, you can tell whether the signal you're hearing is actually on frequency or the "image" frequency.

These changes give a whole different flavor to the Pixie. Well worth the effort.

Regarding Embedded Research, I believe they work only through mail order. Perhaps someone will comment, if otherwise.

73 de K1CL,  
Chuck.

-----  
Date: Tue, 14 Oct 1997 15:59:50 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [28738] OHR info  
Message-ID: <199710141459.PAA11113@chuck.dallas.sgi.com>

Gang,

Went out to the web page of Oak Hills Research again and got the following information. This for those that don't have web access. It is interesting to note that a number of people assume that the entire world has instant and free access to the internet and the web, but it just ain't so.

I am not an employee of OHR and I don't get special treatment other than Dick Witzke, KE8KL, owner and chief designer and parts packer at OHR, does talk to me on the phone aperiodically. I pay the same price as you do. And I have done my share of paying. He probably spends a lot of time on the phone with a lot of people and it keeps him from getting a lot more work done. :-) A real nice person and smart.

Here are the latest prices from the web page

<http://www.ohr.com/index.html>

|         |          |            |      |
|---------|----------|------------|------|
| OHR100a | \$120.00 | on sale at | \$99 |
| WM-2    | \$ 85.00 | on sale at | \$75 |
| DD1     | \$ 75.00 | on sale at | \$65 |
| SCAF    | \$ 65.00 | on sale at | \$60 |

Add on \$5.50 for US shipping and \$10.75 for Canada and 20% of order for foreign order includes shipping and insurance. First Class mail for Canadian and DX and Priority Mail for US. I think I got all the bases covered.

If you need phone numbers, etc.

Oak Hills Research  
20879 Madison St.  
Big Rapids, MI 49307  
616.796.0920  
(fax)=616.796.6633  
email [qrp@ohr.com](mailto:qrp@ohr.com)

I have a 30M OHR100a on order and would have gotten it yesterday but the USPS was on holiday, so expecting arrival today. Timeline may prevent me from getting it built by Friday, but stay tuned for a report. I have just about decided that I have enough rigs on 40M and only one antenna anyway. :-) Back to DXCC chasing or going lower in power and I think I'll opt for DXCC chasing on 40M this winter. :-)

A while back someone posted that the OHR100 was history. Isn't so, the new version is out. I'll update and post a review or someone else will beat me to it, since I have noted that a number of people have one on order. :-) Seems like a new rush now that the official building season has started again. With the fall chill in the morning air and the earlier sunsets the thrill of building and the thrill of chasing the illusive fox brings back the anticipation of another wonderful period of QRP growth and achievements by this group and many individuals.

Toroid count at 11. :-)

FYI

Chuck Adams K5FO CP-60 [adams@sgi.com](mailto:adams@sgi.com)  
<http://reality.sgi.com/adams/index.html>

-----

Date: Tue, 14 Oct 1997 11:50:30 -0400 (EDT)  
From: PDouglas12@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [28739] Troubleshooting for fun (long--sorry)  
Message-ID: <971014114732\_1825273101@emout04.mail.aol.com>

Hi gang,

This is a kind of thank you note to QRP-L. I have been "on" the maillist for about three years, and I have come a long way since I have been hanging around with the big boys. This is an anecdote that pretty much sums up how far this group has taken me.

Two years ago, at Dayton, I picked up a SCAF audio filter kit put out by an outfit called 624 Kits. (see OCT 92 QST for details--and note OHR still makes a complete version (including the case) of this exact same circuit--further note, you can buy the two hard-to-find chips for \$8 apiece and the circuit board for about \$5.50 from Far Circuits--the rest of the parts are standard, mostly available at RS) . Anyway, I picked up the 624 Kits version for a song at Dayton (I do not believe 624 is in business any longer, thus the above alternate source info is given for those who wish to build a SCAF for themselves.) The 624 version was just a bag of parts, no case, and no hardware.

Now I have mentioned before that the thing about buying a kit from a reputable firm is that you have some safety net in case the product doesn't work. When they were in business, 624 Kits had a good reputation for support, but they aren't trading any longer. (Please, if that is incorrect, someone correct me.) Thus, I knew at the outset that any problems would be mine to solve.

So, I soldered it all up...and it didn't work. Aha, but this is a story about how much I have learned. Here's what I knew from simple observations.

It didn't smoke, so there were probably no power shorts. It made noise, so the 386 amp chip was probably working. Digital voltmeter tests showed 9.01 v at the regulator (perfect) and at the power-in pin of each of the ICs. So far, so good. So, how about the 555 clock? Now for the good part. I warmed up the Tek 465 scope. (I waited 20 years to buy that scope--what a pleasure it is, too.) Put the probe on the 555 output pin, and there are the nice square waves. And they vary in wavelength as the pot is turned. That's right.

OK, is the clock getting to the two monolithic filter chips? Put the probe on the clock inputs. NADA. NO, the clock isn't getting to the filter chips. This looks too easy. But yes, eureka, that was it. With a magnifying lamp, I find there's a tiny cut clean through the trace that's supposed to carry the clock square wave to the filter chips. (Do I remember messing

around trying to clean up something else with an Xacto knife and slipping?  
Maybe. Or, maybe it was a mis-etch in the Far Circuits PC board--624 Kits used the same Far board as cited in the original QST article.) Now all that's needed is a bit of wire and solder to bridge the gap, and.... It plays!

Do I like it? Well, others have already extolled the virtues of the SCAF. I haven't even had it on the air yet. I can tell you that the remarkable thing about it is its lack of "ring" and par-focal (to borrow a microscopy term) ability to keep the center centered and the volume even, regardless of filter width. And wow, the 108 Hz filter is tighter than a duck's rear. Simple dual op amp filters can't touch this filter.

Mods. I did David Snowdon's mods from his 9/16/97 QRP-L post (please use the QRP-L archives). This mod gives a great improvement--adding two more bandwidths of 1100 and 1500 Hz to improve flexibility in SSB reception, and Snowdon's post includes two other mods (crediting Larry East and Bill K5BDZ ) for quieting the '386 hiss. While these mods were written for the OHR kit, they apply to all versions of the filter. These are dead easy, worthwhile mods that can be done on the fly, as you build. And I did them that way.

Also, see Paul Carreiro's 4/11/97 QRP-L post about improving the amplification/switching arrangements in the filter. (Again, kindly use the QRP-L archives to retrieve this post if you need it.) Carreiro's is another worthwhile improvement, that I plan to add before I close up the box.

And now for my own little mod: Don't use the on-board trim pot to set center freq. Bring out the pot connections with a pair of wires from the PC board to the front panel and connect them to a 10k panel mounted pot. This will give you a variable center freq, to allow the filter to be used with many rigs, each of which is likely to have slightly different pitch when sigs are centered in their IFs. If you have the test equipment to get an accurate AF freq readout, you might want to set the filter for the narrowest bandwidth, and then mark a spot on the front panel where the pointer on this pot centers on a 700 Hz tone, so you have a reference point. (I have never seen the OHR SCAF kit--is the pot on the PC board in their version? Or did they put it in front?)

Anyway, I literally couldn't have made this project live without the knowledge I gained here on QRP-L. Now, I have another tool to dig the Foxes out of their holes.

72,

Preston WJ2V

-----  
Date: Tue, 14 Oct 1997 11:57:02 -0400 (EDT)

From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [28740] A busy night...  
Message-ID: <Pine.LNX.3.93.971014114722.675D-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dang! Three QRP "things" in one night, guess I better get my chores done early :) And have to get home early and shoot a new wire in the trees, cousins of the cheese otters (squirrels) performed some "gravity tests" on my 85' vertical wire, hrmph! Right now it's an 85' ground mounted vertical that's about nine inches tall, efficient it ain't.

00:30Z AR Net 7.042 +/-  
02:00Z N/T+ Fox 7.115-.125  
02:00Z Reg. Fox 7.035-.040

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | <http://dns.vidtel.com/~ccart> --

-----  
Date: Tue, 14 Oct 1997 07:34:49 -0700  
From: wager@juno.com (James W. Cates)  
To: qrp-l@Lehigh.EDU  
Subject: [28741] NorCal kit "Q"  
Message-ID: <19971014.090525.8766.3.wager@juno.com>

At PacifiCon, it is anticipated that a substantial line will form to buy the new NorCal kits. And it will extend into the lunch hour. The kit is \$30, so if you can have a twenty and a ten, it will expedite things.

Checks are ok, but please have them made out in advance, payable to Jim Cates, nor NorCal, and in the amount of thirty dollars.

Tnx., jim, WA6GER.

-----  
Date: Tue, 14 Oct 1997 12:27:37 -0400 (EDT)  
From: SNickrand@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [28742] \$150 for a 20m QRP SSB rig? Tell me more!!!!  
Message-ID: <971014122545\_966048976@emout02.mail.aol.com>

Think of it.....packed into your briefcase a laptop computer and a complete 20 meter SSB station.

FOR SALE---SMALL WONDER LABS WHITE MOUNTAIN 20 m TRANSCIEVER

WITH SWL ENCLOSURE AND FREQUENCY COUNTER

\$150 ASSEMBLED (\$10 LESS THAN THE KIT !!!!!!!)

MINT CONDITION--WORKS GREAT

contact Bill--73's, 72's, and even 71's (Hurry limited quantities-only 1 left)

-----  
Date: Tue, 14 Oct 1997 09:50:12 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: jessqrp@concentric.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [28743] Re: Rig feedback IC-706 and Tentec Scout 555  
Message-ID: <3443A2C4.F8E@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Jess, I too have noticed some guys' signal jumping around. I listen to my radio like it is FM music while I work around the garage. I'll hear a qso and the guy sounds like real slow FSK. I always run over and check that my 'BABY' is ok -Hi!

Don't know what rig they use but will listen in more carefully and report what rigs seem to jump around. Might be helpful.

On another note -- My new TR-3 by Drake is all calibrated. Had to try experiments on it so ended up Calibrating it 6 different ways. (To Sunday?)

Fixed the 1 KC offset. Was shifting 1.5 KC. Weird parasitic capacitor formed from coax needed a 30 pF cap across the input near the 9 MC xtal. Now I'm zerobeated when the S-meter peaks, at the 1 KC location as specified.

Happy camper now! Just need a sidetone and CW filter added.

Amazing rig. 100 mW to 200 Watts or so (Pegs the 50 W QRP meter).

I'm a qrp'r so will keep it at/under 5Watts -- but nice to have it tuned up. And all 600 KC bands are awesome for listening in general.

QRP: FOX, Pacificon, Norcal Rig, Joy of QRP re-issue!  
and of course QRP-l buddies/Buddy-ettes and Bubbas!

How sweet it is!  
-Ed Loranger

--  
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3  
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Tue, 14 Oct 1997 12:58:28 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-l@Lehigh.EDU  
Subject: [28744] Re: TenTec Scout 555  
Message-ID: <3443A4B4.42A9@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The secret to the production manufacture of stable PT0s  
was to hire skilled yet poorly compensated workers...  
-- Zack W1VT

-----  
Date: Tue, 14 Oct 1997 10:58:18 -0600  
From: wa5whn@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [28745] Ten Tec Scout / GPS  
Message-ID: <19971014.105821.2894.0.wa5whn@juno.com>

qrp-lers,

This is a well documented problem with Scouts. As You approach ~ 25 wpm,  
the uProcessor can not keep up with the frequency stability loop, and the  
keying. Not all Scouts exhibit this problem. The xcvr does not actually

hop frequency, it's appears to be in the loop that updates the freq..

There have been a multitude of used 8 channel GPS receivers on the market for under \$100.00. With the announcement of the 12 channel GPS receivers, the 8 channel receivers are dropping in price. Usually, You will see Garmin GPS-38's (used) or Magellan GPS - 2000's (used), both 8 channel receivers for around \$100.00 (US). 8 channel receivers are usually poor choices, for those who hike or bike or drive in the heavily forested woods, but open areas, they are usually accurate to within 50 feet (EPE). Your' mileage may vary. I am very happy with my Garmin 12XL. The standard disclaimers apply (I am not an employee or hold any financial interest in Garmin, Magellan or Ten Tec.) Any of the internet search engines will take You to all kinds of GPS related sites (Newsgroups - - Caveat Emptor).

OK, I have Real Audio(tm) & Real Video(tm) software loaded on my system, for those live feeds to the internet from Pacificon. ;-)

Still suffering from QRP Field contest withdrawal symptoms. ;-)

72...Jay, WA5WHN DM65qd

Albuquerque, NM USA

-----  
Date: Tue, 14 Oct 1997 13:25:03 -0400  
From: "Bob Kellogg" <ae4ic@nr.infi.net>  
To: "qrpforum" <qrp-l@Lehigh.EDU>  
Subject: [28746] Pixie II kit  
Message-ID: <199710141725.NAA14948@mh004.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

QRP-L Gang,

Just so you know, the Surface Mount Pixie II that Gary, N3GO, built as a test is a project the Knightlites are working on. We are considering this as a possible kit for the whole group.

It would be a simple and inexpensive way to introduce ourselves to Surface Mount Technology. It would also be a neat little transceiver.

Are you interested? Please let me know. Your response may affect our decisions!



CUL,  
Bob Kellogg, AE4IC, Greensboro, NC  
Probably, but not nececelery. -- Benny Hill

-----  
Date: Tue, 14 Oct 97 13:41:17 EDT  
From: Bill Acito 14-Oct-1997 1338 <acito@asdg.ENABLE.dec.com>  
To: -qrp@us1RMC.bb.dec.com  
Cc: acito@asdg.ENABLE.dec.com  
Subject: [28747] Re: N7VE SWR Indicator- SUPER!  
Message-ID: <9710141741.AA18371@us1rmc.bb.dec.com>

Ok, I'll bite. A pointer to the schematic for this?

b

(if this has been posted already, my apologies. I read this list  
via the web archive, not by digest or direct mail)

. . . . . - I own my own words - . . . . .  
Bill Acito acito@asdg.enet.dec.com  
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

-----  
Date: Tue, 14 Oct 1997 10:30:00 -0500  
From: Dan Tayloe-P26412 <Dan\_Tayloe-P26412@email.mot.com>  
To: clofgren@BENSON.MCKENNA.EDU, qrp-l@Lehigh.EDU  
Subject: [28748] Re: N7VE SWR Indicator- SUPER!  
Message-ID: <M2491721.052.1ykay.1.971014174404Z.CC-MAIL\*/OU=SATCG/OU=AZBH/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

From clofgren@BENSON.MCKENNA.EDU Tue Oct 14 13:38:35 1997  
Received: from nss2.CC.Lehigh.EDU ([128.180.1.26]) by  
fidoii.cc.Lehigh.EDU with ESMTP id <35104-24718>; Tue, 14 Oct 1997  
09:38:02 -0400  
Received: from benson.mckenna.edu (Benson.McKenna.Edu

[134.173.104.54])

by nss2.CC.Lehigh.EDU (8.8.5/8.8.5) with ESMTTP id JAA233653  
for <qrp-1@Lehigh.EDU>; Tue, 14 Oct 1997 09:37:53 -0400

>On Tue, 14 Oct 1997, Don C. Faith III, AM/7, (608) 267-3135 wrote:

>> I experienced the same problem w/ mine (i.e. less effective  
>> and lower LED intensity on 10 and 15m). My guess is that at  
>> the higher frequencies, the ferrite torroid (transformer) is  
>> acting as an RF choke. One thing that helped was to reduce  
>> the number of primary/secondary turns to reduce the inductance.

>That's in line with what I found, but with different windings,  
>I still couldn't obtain results on the upper HF bands as good  
>as those on 80 through 20. So I'm wondering if something else  
>is going on.

>Charlie, w6jjz

It is possible that the problem is in the resistors that you used.  
The bridge is only as good as the frequency response of the resistors.  
After all, the LED will only "light up" in response to a bridge that  
is not balanced. For the LED to "null" at some point other than 50  
ohms seems to indicated the resistors are no longer acting like 50.

I can see that the off null brightness may be reduced at higher  
frequencies. After all, the manufacturers never expected a LED to be  
used to rectify RF at 30 MHz. However, it is the null that is  
important, and not so much the brightness. I used the high efficiency  
GaAs LEDs in my bridge. I wonder if they have a higher frequency  
response (being GaAs) than the normal run-of-the-mill LED?

In the bridges that I have built, I have used a small cache of 1/2 w  
carbon type resistors that I have found at hamfest "grab bags", or I  
have parallel a group of 4 (200 ohm) or 6 (300 ohm) 1/4 w resistors to  
get 50 ohms. The metal film resistors are not bad at HF, and  
paralleling several further reduces unwanted inductance.

I think I remember a posting from someone about the SWR from those  
larger power resistors (1w?) from Radio Shack. I think I do remember  
that they start to become less desirable above 14 MHz. If this is  
what you are using, that may be the problem.

I must admit, however, most of my operating has been at 20m and lower.  
I will check one of my bridges at home.

One other idea that could be tried, may be to lift the ground end of  
the LED and the ground end of the secondary winding and tie the two

directly together. This would remove any stray capacitive effects to ground that the transformer could introduce across one of the legs of the bridge.

- Dan Tayloe, N7VE, Phoenix, AZ, QRPL # 696, AZ ScQRPions

-----  
Date: Tue, 14 Oct 1997 11:01:59 -0700 (PDT)  
From: Jim W7LS <w7ls@brigadoon.com>  
To: qrp-l@Lehigh.EDU  
Subject: [28749] Vibroplex Brass Racer sale/swap  
Message-ID: <199710141801.LAA00593@k2.brigadoon.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi, gang.

I have a spare Vibroplex Brass Racer for sale or swap. Nice condition. Gold irridite finish on parts, black paddles, triangular wood base, hollow for a keyer if desired. This is all box-stock. See it in AES catalog. They run 80 or 90 bucks, new. I'm looking for \$60 or swap for some QRP goodies.

73 de Jim, W7LS

-----  
Date: Wed, 15 Oct 1997 00:00:07 -0600  
From: Steve Galchutt <n0tu@webaccess.net>  
To: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>  
Subject: [28750] OHR100 vrs OHR100A?  
Message-ID: <34445BE7.1486@webaccess.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone know what the difference is or what improvements the OHR100A has over it's predecessor (OHR100)

.....Steve > n0tu . . .  
email:N0TU@webaccess.net  
homepage <<http://www.webaccess.net/~S&P>>

-----  
Date: Tue, 14 Oct 1997 11:07:06 -0700 (PDT)  
From: Jim W7LS <w7ls@brigadoon.com>  
To: Dan\_Tayloe-P26412@email.mot.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [28751] Re: N7VE SWR Indicator- SUPER!  
Message-ID: <199710141807.LAA01560@k2.brigadoon.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I actually used a tapped, single winding on my torroid. The secondary, which is just the far end of the winding, goes through a resistor and back to the middle of the left leg, thereby not encountering ground at all. Did it for simplicity and laziness, not smarts or anything :-)

73 de Jim, W7LS

P.S. Haven't tried it anywhere but 80 meters (are there other bands??)

At 10:30 AM 10/14/97 -0500, you wrote:

> From clofgren@BENSON.MCKENNA.EDU Tue Oct 14 13:38:35 1997  
> Received: from nss2.CC.Lehigh.EDU ([128.180.1.26]) by  
> fidoii.cc.Lehigh.EDU with ESMTP id <35104-24718>; Tue, 14 Oct 1997  
> 09:38:02 -0400  
> Received: from benson.mckenna.edu (Benson.McKenna.Edu  
> [134.173.104.54])  
> by nss2.CC.Lehigh.EDU (8.8.5/8.8.5) with ESMTP id JAA233653  
> for <qrp-1@Lehigh.EDU>; Tue, 14 Oct 1997 09:37:53 -0400  
>  
> >On Tue, 14 Oct 1997, Don C. Faith III, AM/7, (608) 267-3135 wrote:  
>  
> >> I experienced the same problem w/ mine (i.e. less effective  
> >> and lower LED intensity on 10 and 15m). My guess is that at  
> >> the higher frequencies, the ferrite torroid (transformer) is  
> >> acting as an RF choke. One thing that helped was to reduce  
> >> the number of primary/secondary turns to reduce the inductance.  
>  
> >That's in line with what I found, but with different windings,  
> >I still couldn't obtain results on the upper HF bands as good  
> >as those on 80 through 20. So I'm wondering if something else  
> >is going on.  
>  
> >Charlie, w6jjz  
>  
> It is possible that the problem is in the resistors that you used.  
> The bridge is only as good as the frequency response of the resistors.  
> After all, the LED will only "light up" in response to a bridge that  
> is not balanced. For the LED to "null" at some point other than 50

> ohms seems to indicated the resistors are no longer acting like 50.  
>  
> I can see that the off null brightness may be reduced at higher  
> frequencies. After all, the manufacturers never expected a LED to be  
> used to rectify RF at 30 MHz. However, it is the null that is  
> important, and not so much the brightness. I used the high efficiency  
> GaAs LEDs in my bridge. I wonder if they have a higher frequency  
> response (being GaAs) than the normal run-of-the-mill LED?  
>  
> In the bridges that I have built, I have used a small cache of 1/2 w  
> carbon type resistors that I have found at hamfest "grab bags", or I  
> have parallel a group of 4 (200 ohm) or 6 (300 ohm) 1/4 w resistors to  
> get 50 ohms. The metal film resistors are not bad at HF, and  
> paralleling several further reduces unwanted inductance.  
>  
> I think I remember a posting from someone about the SWR from those  
> larger power resistors (1w?) from Radio Shack. I think I do remember  
> that they start to become less desirable above 14 MHz. If this is  
> what you are using, that may be the problem.  
>  
> I must admit, however, most of my operating has been at 20m and lower.  
> I will check one of my bridges at home.  
>  
> One other idea that could be tried, may be to lift the ground end of  
> the LED and the ground end of the secondary winding and tie the two  
> directly together. This would remove any stray capacitive effects to  
> ground that the transformer could introduce across one of the legs of  
> the bridge.  
>  
> - Dan Tayloe, N7VE, Phoenix, AZ, QRPL # 696, AZ ScQRPions  
>  
>  
>  
>

-----  
Date: Tue, 14 Oct 1997 11:20:46 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: n0tu@webaccess.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [28752] Re: OHR100 vrs OHR100A?  
Message-ID: <3443B7FE.79E7@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey Steve, I had the same question. Chuck's earlier post had the <http://www.ohr.com> weblink and I followed it.

The 'A' is awesome!!!!

Only there for a minute but here's what I absorbed:

EASY Tune-up, no Scope needed. Test points and DVM!

New RF Gain Control.  
NO RIT OFF, Just RIT.

Check it out and maybe you'll find more than I had time for.

72,-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3  
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok  
<mailto:we6w@qsl.net> <http://www.qsl.net/we6w>

-----  
Date: Tue, 14 Oct 1997 14:27:22 -0400 (EDT)  
From: "L. B. Cebik" <[cebik@utkux.utcc.utk.edu](mailto:cebik@utkux.utcc.utk.edu)>  
To: [gqrp-1@blacksheep.org](mailto:gqrp-1@blacksheep.org), QRP-L List <[gqrp-1@Lehigh.EDU](mailto:gqrp-1@Lehigh.EDU)>, [towertalk@contesting.com](mailto:towertalk@contesting.com), [antennas@qth.net](mailto:antennas@qth.net)  
Subject: [28753] expanded V-delta notes  
Message-ID: <[Pine.SOL.3.94.971014142444.23495A-1000000@utkux4.cas.utk.edu](mailto:Pine.SOL.3.94.971014142444.23495A-1000000@utkux4.cas.utk.edu)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have made a few additions to the notes at my site on the vertical plane delta used as an all-band antenna, mostly to clarify its use as an SCV and to add a table of values for feeding the antenna on all bands at a side corner. Most of the other additions are graphical.

-73-

LB, W4RNL

|                      |    |    |   |      |   |     |                                                  |
|----------------------|----|----|---|------|---|-----|--------------------------------------------------|
| L. B. Cebik, W4RNL   | /\ | /\ | * | /    | / | /   | (Off)(423) 974-7215                              |
| 1434 High Mesa Drive | /  | \  | \ | ---- | / | --- | (Hm) (423) 938-6335                              |
| Knoxville, Tennessee | /\ | \  | \ | /    | / |     | (FAX)(423) 974-3509                              |
| 37938-4443 USA       | /  | \  | \ | \    |   |     | <a href="mailto:cebik@utk.edu">cebik@utk.edu</a> |

URL: <http://funnelweb.utcc.utk.edu/~cebik/radio.html>

-----  
Date: Tue, 14 Oct 1997 11:37:54 -0700 (PDT)  
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Cc: CLOFGREN@BENSON.MCKENNA.EDU  
Subject: [28754] Re: N7VE SWR Indicator- SUPER! (fwd)  
Message-ID: <Pine.PMDF.3.95.971014113548.53810C-1000000@BENSON.MCKENNA.EDU>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

Hi Dan,

Thanks for the suggestions.

I've checked the resistors (lots of 'em, using the impedance function on my Autek RF-1) and find they are fairly flat up through 30 MHz. (And some of the worst offenders--not used--turn out to be some of the 1/2 watt and 1 watt carbon ones that I have.) Given the resistors in the two bridges I've build, the slight increase in total Z isn't enough explain the results--particularly because, like you, I've found that paralleling them helps with the inductive reactance.

Early on, I also lifted the ground point.

>From what I'm left with, it strikes me that quality of the LED may be the important factor. I think I've run through the other variables. In addition, I haven't run into the problem with resistive bridges using the "standard" null indicator. I don't have any of the GaAs variety of LEDs. Source?

Anyhow, I'm very impressed with the circuit up through 20 meters, and I'd like to figure out how to extend its reliability up a bit further.

72/73,

Charlie, w6jjz

On Tue, 14 Oct 1997, Dan Tayloe-P26412  
wrote:

>  
> It is possible that the problem is in the resistors that you used.  
> The bridge is only as good as the frequency response of the resistors.  
> After all, the LED will only "light up" in response to a bridge that  
> is not balanced. For the LED to "null" at some point other than 50  
> ohms seems to indicated the resistors are no longer acting like 50.  
>  
> I can see that the off null brightness may be reduced at higher  
> frequencies. After all, the manufacturers never expected a LED to be  
> used to rectify RF at 30 MHz. However, it is the null that is  
> important, and not so much the brightness. I used the high  
efficiency  
> GaAs LEDs in my bridge. I wonder if they have a higher frequency  
> response (being GaAs) than the normal run-of-the-mill LED?  
>  
> In the bridges that I have built, I have used a small cache of 1/2 w  
> carbon type resistors that I have found at hamfest "grab bags", or I  
> have parallel a group of 4 (200 ohm) or 6 (300 ohm) 1/4 w resistors to  
> get 50 ohms. The metal film resistors are not bad at HF, and  
> paralleling several further reduces unwanted inductance.  
>  
> I think I remember a posting from someone about the SWR from those  
> larger power resistors (1w?) from Radio Shack. I think I do remember  
> that they start to become less desirable above 14 MHz. If this is  
> what you are using, that may be the problem.  
>  
> I must admit, however, most of my operating has been at 20m and lower.  
> I will check one of my bridges at home.  
>  
> One other idea that could be tried, may be to lift the ground end of  
> the LED and the ground end of the secondary winding and tie the two  
> directly together. This would remove any stray capacitive effects to  
> ground that the transformer could introduce across one of the legs of  
> the bridge.  
>  
> - Dan Tayloe, N7VE, Phoenix, AZ, QRPL # 696, AZ ScQRPions  
>  
>  
>

-----  
Date: Tue, 14 Oct 1997 15:29:30 -0400 (EDT)  
From: SNickrand@aol.com



To: qrp-1@Lehigh.EDU  
Subject: [28755] FOR SALE Argosy 525 REDUCED PRICE  
Message-ID: <971014142823\_1444600754@emout08.mail.aol.com>

Price reduction from \$410 to \$375

The Argosy is the model 525 which is a selectable 5 watt / 50 watt CW and SSB transceiver. 80/40/30/20/15/10 meter bands. Includes filter options, manual, and the matching Ten-Tec mod 225 power supply (13.5 VDC @ 9 Amps) (Naturally, the radio can also run directly off of a battery). Cosmetically, the radio is in \*excellent\* condition - this radio has been very well taken care of.

Here are the details:

Ten-Tec Argosy 525

- \* Matching #225 power supply and power cable
- \* #218 1.8Khz 8-pole crystal IF Filter
- \* #223 Noise Blanker
- \* #224 Audio CW Filter (Original TEN TEN item, not the one built by Embedded Research)
- \* #226 Crystal Calibrator (this is an extremely hard to find item)
- \* Original manual

-----  
Date: Tue, 14 Oct 1997 14:28:00 -0500  
From: tahrens1@juno.com (Timothy H Ahrens)  
To: qrp-1@Lehigh.EDU  
Subject: [28756] Toroid cores - where to buy  
Message-ID: <19971014.142801.3854.1.tahrens1@juno.com>

Well, my search engines don't come up with much... Anybody know Amidon's phone #?

Thanks,

Tim W5FN

-----  
Date: Tue, 14 Oct 1997 14:36:37 (-0500  
From: "Dean T. Miller" <dtmiller@dsminet.com>  
To: QRP-L@Lehigh.EDU  
Subject: [28757] Re: N/T Fox -- Monday

Message-ID: <199710141936.0AA27590@dsm7.dsmnet.com>

Hi Doc,

> Date: Mon, 13 Oct 1997 22:49:30 -0400  
> From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

> Well, you have accomplished more than I have tonight. Have been tuning  
> and looking for a full 1.5 hours, and have heard nary a peep out of  
> him. Oh well. Guess the propagation is not favorable. Thanks for  
> posting this note, because otherwise I thought I had the wrong night  
> altogether!

I wouldn't feel too bad, if I were you.<g> At least you can work them  
when you hear them. I've heard all the foxes, but only one could hear  
me.

I must have a one-way antenna.

-- Dean -- from Des Moines (KB0ZDF)

-----  
Date: Tue, 14 Oct 1997 14:44:29 -0500  
From: tahrens1@juno.com (Timothy H Ahrens)  
To: qrp-l@Lehigh.EDU  
Subject: [28758] Toroids - where to buy  
Message-ID: <19971014.144430.12086.1.tahrens1@juno.com>

Couldn't find Amidon's address/phone,,  
anybody have it, or source for cores?

thanks,

Tim W5FN

-----  
Date: Tue, 14 Oct 1997 13:00:00 -0500  
From: Dan Tayloe-P26412 <Dan\_Tayloe-P26412@email.mot.com>  
To: clofgren@BENSON.MCKENNA.EDU, qrp-l@Lehigh.EDU  
Subject: [28759] Re[2]: N7VE SWR Indicator- SUPER!  
Message-ID: <M2493542.038.25dt9.1.971014201100Z.CC-MAIL\*/OU=SATCG/OU=AZBH/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

I believe any of the "high efficiency" LEDs are GaAs. The one that I

use is a water clear one that comes from Radio Shack (\$1.19).

For others interested in this, the schematic was printed in one of the QRPp issues earlier this year and in the most recent issue of "CQ".  
Sorry... I do not have a web site.

- Dan Tayloe, N7VE, Phoenix, Az, QRPL # 696, Az ScQRPions

>From what I'm left with, it strikes me that quality of the LED may be  
>the important factor. I think I've run through the other variables.  
>In addition, I haven't run into the problem with resistive bridges  
>using the "standard" null indicator. I don't have any of the GaAs  
>variety of LEDs. Source?

>72/73,

>Charlie, w6jjz

-----  
Date: Tue, 14 Oct 1997 16:23:42 -0400  
From: "Bob Kellogg" <ae4ic@nr.infi.net>  
To: "qrpforum" <qrp-l@Lehigh.EDU>  
Subject: [28760] Lost messages  
Message-ID: <199710142025.QAA10498@mh004.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang,

Sorry about this, but my computer just burped and I lost 20 messages.  
About half of them were concerning the Pixie II (I saw some of the titles),  
and I'll assume they were answering my earlier post about a Surface Mount  
kit with a yes.

If there was another message I need to get, please resend. Thanks.

CUL,  
Bob Kellogg, AE4IC, Greensboro, NC  
Prolably, but not nececelery. -- Benny Hill

-----

Date: Tue, 14 Oct 1997 15:45:44 CDT  
From: "Taylor Greg" <gtaylor@taex003n.tamu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, SNickrand@aol.com  
Subject: [28761] Re: FOR SALE Argosy 525 REDUCED PRICE  
Message-ID: <3DFABF95FA3@taex003n.tamu.edu>

> \* #223 Noise Blanker

Should you by some strange quirk find a purchaser who isn't  
interested in the noise blanker I would be....

72, Greg W5KJ

\*\*\*\*\*  
Dr. Gregory S. Taylor                   !MAIL: SpSvcs 216  
Extension Program Leader for           !       College Station, TX 77843-2125  
Community Development                !VOICE: 409-862-8561  
Texas Agricultural Extension Service!FAX: 409-847-8744  
Texas A&M University System           !EMAIL: Reply or g-taylor4@tamu.edu  
\*\*\*\*\*

-----  
Date: Tue, 14 Oct 1997 13:45:34 -0700  
From: Andy Fox <foxes@theriver.com>  
To: qrp-1@Lehigh.EDU  
Subject: [28762] Ten-Tec Rigs other than Scout  
Message-ID: <3443D9EE.6A4A@theriver.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello,

I've been drooling over the Scout literature for a while, and was  
thinking about picking up a used one early next year. Now it looks like  
that might not be such a good idea. I'm interested in working primarily  
CW, so this frequency drift/hop behavior would be a problem.

Does anybody have knowledge about older Ten-Tec gear? I would like to  
learn more about a rig that does CW and SSB, 80 through 10 meters.  
Power output doesn't matter ;- ) WARC bands would certainly be nice.  
I've seen references to other models of Ten-Tec gear, but don't know  
which features a given model has.

Any info would be greatly appreciated.

73 de KK7HV

-----  
Andy Fox  
foxes@theriver.com  
-----

-----  
Date: Tue, 14 Oct 1997 17:48:14 +0100  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: "qrp" <qrp-1@Lehigh.EDU>  
Subject: [28763] RF Parts Bonanza  
Message-ID: <199710142040.QAA18828@atl.org>

Don't you love the surplus adverts of old.

RF PARTS BONANZA!

We're not sure but we believe there are enough parts here  
to build a COMPLETE QRP transceiver.

A limited number of these surplus RF communications assembly  
with original cost of over \$1200 available for your project needs.

Parts on examined unit include!

Tech R SW801 (SAW?) filter.  
Kyocera (SAW?) filter  
Teledyne TT57A RF transformer  
NE529A  
LM311A  
MC1330A  
NLN2111ABU  
MC1349P  
SL610C x 2  
MRF904  
2N5109  
2N3866  
3N201  
J310 x 4  
2N3906  
78L52WC  
78L09WC  
78L05A  
PN3563 (2n3563?) x 6  
MPS3563  
xtals x 3 (one is 12MHz, can't read others)  
trimpots x 4

10 RF chokes (small size, various values)  
21 assorted slug tuned inductors  
80186CPU with heatsink  
unknown big DIP part with heatsink  
MK38110N-25 (SRAM?)  
Assorted TTL parts.

ALL for only \$10 plus postage!

Note, the unit we examined is representative  
in appearance but there is a possibility that  
some variation exists in exact part numbers  
even though all assemblies are of same vintage  
and function.

-----  
-----  
  
Anyway, I've got about a dozen more of these than the  
parts box needs and I'd like to sell them to generate  
\$ for some tubes and sockets for a work in progress.

If they are popular, I'll try to scare up some more but  
with electronic debris, there is no telling what will turn  
up next. Also, I'll wait until Sunday and if more requests  
than boards, I will draw from a hat. If no interest, then they  
go back in the junk box.

Terms: Come Sunday, I tell you it's yours, you email  
your address, I take to postoffice and send via parcel post,  
you send \$10 plus the postage showing on the box.  
Suspect about \$1.70 or so for postage.

-bob  
wb4mnf@atl.org

-----  
  
Date: Tue, 14 Oct 1997 14:09:20 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: qrp-l@Lehigh.EDU  
Subject: [28764] SA602/612 Pricing?  
Message-ID: <3.0.1.32.19971014140920.006d298c@telis.org>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The NE602/612 is no longer being manufactured and the supplies are rapidly disappearing, if not already gone. Does anyone have a price and source on the replacement part, the SA602/612? 72, Doug, KI6DS/M0BIV

-----  
Date: Tue, 14 Oct 1997 14:08:11 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: tahrens1@juno.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [28765] Re: Toroids - where to buy  
Message-ID: <199710142108.0AA08829@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:44 PM 10/14/97 -0500, you wrote:  
>Couldn't find Amidon's address/phone,,  
>anybody have it, or source for cores?  
>

Can't find them, and their web link doesn't work anymore (at least not today).

73,  
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ  
Grid DM43bi Lat 33.334500 Long -111.87260  
NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL  
<http://www.dancris.com/~ki7mn>  
WIMPS: QS0's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

-----  
Date: Tue, 14 Oct 1997 17:14:39 EDT  
From: ku4it@juno.com (David E. Shelton)  
To: qrp-l@Lehigh.EDU  
Subject: [28766] Ten-Tec Scout and JOTA  
Message-ID: <19971014.173036.27399.1.KU4IT@juno.com>

To all,

The Scout's so-called drift or actual jump problem is somewhat related to the microprocessor loop as previously mentioned but only at higher speed

CW ~40wpm and greater. The main problem lies within the heat produced via the final. This problem is fixed with a small CPU/PC type fan installed on the rear housing and running continuously, of course the rig will drift during warm up. Other wise it is a great little rig. After all this is an entry level mobile rig for \$500. This is a fun little rig to work with the JOTA coming this weekend.

Please, if you have time right now contact your local Scouting council whether it be Girls' or Boys' and volunteer to setup and operate this weekend as the Jamboree on the Air takes place for the 40th year. This is the future of Amateur Radio we are talking about here. Contribute by spreading the hobby we all love and cherish so much, it may not be here for future generations if we don't promote it now.

73 dit dit,  
David E. Shelton, RN  
KU4IT@juno.com

-----  
Date: Tue, 14 Oct 1997 14:10:42 -0700  
From: Robert Bayha <rbayha@ix.netcom.com>  
To: tahrens1@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [28767] Re: Toroids - where to buy  
Message-ID: <3443DFD1.B1B3D3E1@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Take a look at Amidon's Website.... can even order a catalog online.

<http://www.amidoncorp.com>

73 Bob, KF6HXS

-----  
Date: Tue, 14 Oct 1997 14:20:52 -0700 (PDT)  
From: Kory Hamzeh <kory@avatar.com>  
To: Bob Hightower <ki7mn@dancris.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [28768] Re: Toroids - where to buy  
Message-ID: <Pine.BSF.3.96.971014142030.11613A-100000@ns1.avatar.com>  
MIME-Version: 1.0



Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 14 Oct 1997, Bob Hightower wrote:

> At 02:44 PM 10/14/97 -0500, you wrote:  
> >Couldn't find Amidon's address/phone,,  
> >anybody have it, or source for cores?  
> >  
>  
> Can't find them, and their web link doesn't work anymore (at least not today).  
>

I just tried <http://bytemark.com/amidon/> and it still works.

Kory  
AC6RN

-----  
Date: Tue, 14 Oct 1997 16:28:15 -0500 (CDT)  
From: Bill Howell <bhowell@mail.utexas.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [28769] N/T Fox evades hunter  
Message-ID: <199710142128.QAA01193@mail.utexas.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Listened for David, KF4HAW, last night. His call would pop out of the noise, then he'd retreat to his hole again. I \*thought\* he came back with my call once, only to jump back in the hole after the call. No fair! 8^)  
Hope to have better luck tonite!

After an hour of listening, I could even hear CW when I was out in the garage.

p.s. there's no radio out in the garage.  
Fans produce CW. Washing machines produce CW.  
Really. I heard it.

Bill Howell  
University of Texas at Austin  
Performing Arts Center  
Electronic Maintenance  
N5ALO QRP-L #415

belief preceeds experience

-----  
Date: Tue, 14 Oct 1997 14:57:48 MST  
From: kv7g@juno.com  
To: foxes@theriver.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [28770] Re: Ten-Tec Rigs other than Scout  
Message-ID: <19971014.150115.3142.2.kv7g@juno.com>

Andy

Many years ago I bought a new Omni - D, at the time my operation was on RTTY. We were using 170 htz shift and when I would touch the VFO knob to tune a station in, it would shift frequency. I was either told by Ten-Tec or it mentioned hand capacitance in the manual, said to just touch the knob with your finger tips to minimize the shift. Some guys swear by Ten-Tec products and service and some swear at them, I am in the latter catagory.

Bud - KV7G

On Tue, 14 Oct 1997 13:45:34 -0700 Andy Fox <foxes@theriver.com> writes:

>Hello,

>

>I've been drooling over the Scout literature for a while, and was  
>thinking about picking up a used one early next year. Now it looks  
>like

>that might not be such a good idea. I'm interested in working  
>primarily

>CW, so this frequency drift/hop behavior would be a problem.

>

>Does anybody have knowledge about older Ten-Tec gear? I would like to  
>learn more about a rig that does CW and SSB, 80 through 10 meters.

>Power output doesn't matter ;- ) WARC bands would certainly be nice.

>I've seen references to other models of Ten-Tec gear, but don't know  
>which features a given model has.

>

>Any info would be greatly appreciated.

>

>73 de KK7HV  
>-----  
>Andy Fox  
>foxes@theriver.com  
>-----  
>  
>

-----  
Date: Tue, 14 Oct 1997 16:28:45 -0600  
From: "Ray, Radi, O." <radioray@privatei.com>  
To: QRP-L@Lehigh.EDU  
Subject: [28771] Data Software?  
Message-ID: <3.0.32.19971014162747.006b6c90@privatei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi,

Does anyone know of any digital communications software for IBM type computers? I am specifically interested in software which uses the soundblaster card rather than an external TU.

>Radio-Ray ...\_ .\_  
  
-----

Date: Tue, 14 Oct 1997 18:37:46 -0400 (EDT)  
From: aa8yo@tir.com (Bob Fox)  
To: bhowell@mail.utexas.edu  
Cc: qrp-l@Lehigh.EDU  
Subject: [28772] Re: N/T Fox evades hunter  
Message-ID: <199710142237.SAA18863@sun.tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Anyone else notice this phenomenon? I thought it was just me !  
I work in an engine dynamometer lab and have noticed that dynos produce CW, Jeep engines produce CW, Dodge Truck engines produce CW, emissions carts produce CW, combustion analyzers produce CW, etc., etc. HONEST !

Bob / aa8yo@tir.com

Bill Howell wrote:

> After an hour of listening, I could even hear CW  
> when I was out in the garage.  
>  
> p.s. there's no radio out in the garage.  
> Fans produce CW. Washing machines produce CW.  
> Really. I heard it.  
>>

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Date: Tue, 14 Oct 1997 18:38:29 -0400  
From: mikemo@ibm.net  
To: aa8yo@tir.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [28773] Re: N/T Fox evades hunter  
Message-ID: <3443F465.4516@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Fox wrote:

> Anyone else notice this phenomenon? I thought it was just me !  
> I work in an engine dynamometer lab and have noticed that dynos  
> produce CW, Jeep engines produce CW, Dodge Truck engines  
> produce CW, emissions carts produce CW, combustion analyzers  
> produce CW, etc., etc. HONEST !

My shower head does too! I started trying to copy it, but got scared  
that it was actually going to be saying something. Therapy is expensive,  
you know ;-)

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End of QRP-L Digest 878

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